Sources Storymap

Bowler, D. E., Boyd, R. J., Callaghan, C. T., Robinson, R. A., Isaac, N. J. B., & Pocock, M. J. O. (2025). Treating gaps and biases in biodiversity data as a missing data problem. In *Biological Reviews*. biological reviews. https://nora.nerc.ac.uk/id/eprint/537830/1/N537830JA.pdf

Blaxter, J., & Holliday, F. (1963). The behaviour and physiology of herring and other clupeids. In Advances in marine biology (pp. 261–394). https://doi.org/10.1016/s0065-2881(08)60261-8

BSH [Bundesamt Für Seeschifffahrt Und Hydrographie]. (2025). *BSH - Maritime Spatial Planning*. Retrieved January 10, 2026, from https://www.bsh.de/EN/TOPICS/Offshore/Maritime_spatial_planning/maritime_spatial_planning_node.html

Canadian Science Advisory Secretariat. (2025). 4VWX HERRING (CLUPEA HARENGUS) STOCK STATUS UPDATE TO 2024. In *publications.gc.ca*. https://publications.gc.ca/collections/collection_2025/mpo-dfo/fs70-7/Fs70-7-2025-026-eng.pdf

Carter, M. I. D., Aarts, G., Van Beest, F. M., Bivins, M., Brasseur, S. M. J. M., Dietz, R., Duck, C. D., Galatius, A., Gilles, A., Haelters, J., Hastie, G. D., Jessopp, M., Morris, C. D., Moss, S. E. W., Nabe-Nielsen, J., Nachtsheim, D. A., Schaffeld, T., Schop, J., Siebert, U., Teilman, J., Thompson, D., Thompson, P.M., Vincent, C., Russell, D. J. F. (2025). At-sea distribution of seals on the Northwest European Shelf: Towards transboundary conservation and management. *Journal Of Applied Ecology*. https://doi.org/10.1111/1365-2664.70236

CWIF. (n.d.). Haring. CIWF. Retrieved January 9, 2026, from https://www.ciwf.nl/vee-industrie/vissen/haring/

DMA [Danish Maritime Authority]. (2024, June 28). Danmarks Havplan. Retrieved January 10, 2026, from https://havplan.dk/en/page/info

Du Prey, M. L., Griffin, R., Stewart, J. E., Sheehan, E., Sturrock, A., & Ciotti, B. J. (2025). Distribution of benthic communities in a hypertidal estuary: Mapping potential prey resources for juvenile common sole Solea solea. *Estuarine Coastal And Shelf Science*, *329*, 109660. https://doi.org/10.1016/j.ecss.2025.109660

Elith, J., Phillips, S. J., Hastie, T., Dudík, M., Chee, Y. E., & Yates, C. J. (2010). A statistical explanation of MaxEnt for ecologists. *Diversity And Distributions*, *17*(1), 43–57. https://doi.org/10.1111/j.1472-4642.2010.00725.x

GBIF. (2024). *GBIF Work Programme 2025: Annual Update and Implementation Plan to the Strategic Framework 2023–2027*. https://docs.gbif.org/2025-work-programme/en/

GBIF (12 November 2025a) GBIF Occurrence Download https://doi.org/10.15468/dl.cycc7j

GBIF (12 November 2025b) GBIF Occurrence Download https://doi.org/10.15468/dl.gwpzdv

GBIF (12 November 2025c) GBIF Occurrence Download https://doi.org/10.15468/dl.6xmjzj

GBIF (12 November 2025d) GBIF Occurrence Download https://doi.org/10.15468/dl.m4m9cu

Gerard, M. (2004, February 25). European eel (Anguilla anguilla). Digischool. Retrieved January 9, 2026, from http://www.digischool.nl/bi/onderwaterbiologie/

Horwood, J. (2001). POPULATION BIOLOGY AND ECOLOGY OF THE SOLE. Natural Resource Modeling, 14(2), 233–256. https://doi.org/10.1111/j.1939-7445.2001.tb00058.x

Kaczmarek, J., Reichmuth, C., McDonald, B. I., Kristensen, J. H., Larson, J., Johansson, F., Sullivan, J. L., & Madsen, P. T. (2018). Drivers of the dive response in pinnipeds; apnea, submergence or temperature? *Journal Of Experimental Biology*, *221*(Pt 13). https://doi.org/10.1242/jeb.176545

Karp, M. A., Cimino, M., Craig, J. K., Crear, D. P., Haak, C., Hazen, E. L., Kaplan, I., Kobayashi, D. R., Moustahfid, H., Muhling, B., Pinsky, M. L., Smith, L. A., Thorson, J. T., & Woodworth-Jefcoats, P. A. (2025). Applications of species distribution modeling and future needs to support marine resource management. *ICES Journal Of Marine Science*, *82*(3). https://doi.org/10.1093/icesjms/fsaf024

Kürzel, K., Hammock, C. P., Pitusi, V., Brix, S., & Lörz, A. (2025). Species distribution modelling of benthic amphipod crustaceans in the deep North Atlantic under climate change. *Scientific Reports*, *15*(1), 39581. https://doi.org/10.1038/s41598-025-26442-x

Maestro, M., Pérez-Cayeiro, M. L., Chica-Ruiz, J. A., & Reyes, H. (2019). Marine protected areas in the 21st century: Current situation and trends. *Ocean & Coastal Management*, *171*, 28–36. https://doi.org/10.1016/j.ocecoaman.2019.01.008

Maurer, N., Boyi, J. O., Schick, L. A., Nachtsheim, D. A., Schaffeld, T., Gross, S., Teilmann, J., Schnitzler, J., & Siebert, U. (2025). Unsealing behaviour: Variation in harbour seal (Phoca vitulina) responses to anthropogenic sound in relation to individual health. Marine Pollution Bulletin, 214, 117777. https://doi.org/10.1016/j.marpolbul.2025.117777

Mauribo. (2015, November 12). Harbor seal. iStock. Retrieved January 9, 2026, from https://www.istockphoto.com/nl/foto/harbor-seal-gm496793764-78758989

Merder, J., Zhao, G., Pahlevan, N., Rigby, R. A., Stasinopoulos, D. M., & Michalak, A. M. (2024). A novel algorithm for ocean chlorophyll-a concentration using MODIS Aqua data. *ISPRS Journal Of Photogrammetry And Remote Sensing*, *210*, 198–211. https://doi.org/10.1016/j.isprsjprs.2024.03.014

Miller, J. (2010). Species distribution modeling. *Geography Compass*, *4*(6), 490–509. https://doi.org/10.1111/j.1749-8198.2010.00351.x

Min. I&W, Min. LNV, Min. EZK, & Min. BZK. (2022). Programma Noordzee. In *Noordzeeloket*. Retrieved January 10, 2026, from https://noordzeeloket.nl/beleid/programma-noordzee-2022-2027/

Muñoz-Cueto, J. A., Mañanós Sánchez, E. L., & Sánchez Vázquez, F. J. (2019). The Biology of Sole [Hardback]. CRC Press.

Musimwa, R., Standaert, W., Stevens, M., Bejarano, S. J. F., Muñiz, C., Debusschere, E., Pint, S., & Everaert, G. (2025). Climate-induced habitat suitability modelling for pelagic fish in European seas. *Frontiers in Marine Science*, *12*. https://doi.org/10.3389/fmars.2025.1501751

NASA Earth Observations. (2025). *Chlorophyll Concentration | NASA*. Chlorophyll Concentration | NASA. https://neo.gsfc.nasa.gov/view.php?datasetId=MY1DMM_CHLORA

Pike, C., Crook, V., Gollock, M., Beaulaton, L., Belpaire, C., Dekker, W., Díaz, E., Durif, C. M., & Hanel, R. (2018). Anguilla anguilla: Pike, C., Crook, V. & Gollock, M. [Dataset]. In IUCN Red List of Threatened Species. https://doi.org/10.2305/iucn.uk.2020-2.rlts.t60344a152845178.en

Piria, M., & Tomljanović, T. (2025). Habitat Matters: Exploring the Preferences of the European Eel (Anguilla anguilla) in Short Karstic Lotic Ecosystems. *Aquatic Conservation Marine And Freshwater Ecosystems*, *35*(11). https://doi.org/10.1002/aqc.70239

Rivas-Iglesias, L., Gutiérrez, Á., Dopico, E., Fernández, S., Soto-López, V., & Garcia-Vazquez, E. (2025). Endangered, exploited glass eels (Anguilla anguilla) with critical levels of heavy metals and microplastics reveal both shipping and plastic spill threats. *Environmental Pollution*, *369*, 125824. https://doi.org/10.1016/j.envpol.2025.125824

Sailley, S. F., Catalan, I. A., Batsleer, J., Bossier, S., Damalas, D., Hansen, C., Huret, M., Engelhard, G., Hamon, K., Kay, S., Maynou, F., Nielsen, J. R., Ospina-Álvarez, A., Pinnegar, J., Poos, J. J., Sgardeli, V., & Peck, M. A. (2025). Multiple Models of European Marine Fish Stocks: Regional Winners and Losers in a Future Climate. *Global Change Biology*, *31*(4), e70149. https://doi.org/10.1111/gcb.70149

Sathyendranath, S., Brewin, R., Brockmann, C., Brotas, V., Calton, B., Chuprin, A., Cipollini, P., Couto, A., Dingle, J., Doerffer, R., Donlon, C., Dowell, M., Farman, A., Grant, M., Groom, S., Horseman, A., Jackson, T., Krasemann, H., Lavender, S., . . . Platt, T. (2019). An Ocean-Colour Time Series for Use in Climate Studies: The Experience of the Ocean-Colour Climate Change Initiative (OC-CCI). *Sensors*, *19*(19), 4285. https://doi.org/10.3390/s19194285

Schou, J. C. (2022). Tong op een zandgrond. Vistikhetmaar.nl. Retrieved January 9, 2026, from https://vistikhetmaar.nl/dossiers/klimaatverandering-wat-doet-het-met-de-vis/

Shen, Q., Zhang, P., Feng, X., Chen, Z., & Fan, J. (2025). Exploring the Habitat Distribution of Decapterus macarellus in the South China Sea Under Varying Spatial Resolutions: A Combined Approach Using Multiple Machine Learning and the MaxEnt Model. *Biology*, *14*(7), 753. https://doi.org/10.3390/biology14070753

Trochta, J. T., Branch, T. A., Shelton, A. O., & Hay, D. E. (2020). The highs and lows of herring: A meta-analysis of patterns and factors in herring collapse and recovery. Fish And Fisheries, 21(3), 639–662. https://doi.org/10.1111/faf.12452

Unger, B., Baltzer, J., Brackmann, J., Brasseur, S., Brügmann, M., Diederichs, B., Galatius, A., Geelhoed, S., Huus Petersen, H., IJsseldijk, L., Jensen, T. K., Jess, A., Nachtsheim, D. A., Philipp, C., Scheidat, M., Schop, J., Siebert, U., Teilmann, J., Thøstesen, C. B., & van Neer, A. (2022). *Wadden Sea Quality Status Report: Marine mammals*. Common Wadden Sea Secretariat. https://doi.org/10.5281/zenodo.15223944

Van Leeningen, R. (2023, 14 juli). Aal (Paling). RAVON. Retrieved January 9, 2026, from https://www.ravon.nl/Soorten/Soortinformatie/aal-paling

Waldock, C., Dornelas, M., & Bates, A. E. (2018). Temperature-Driven Biodiversity Change: Disentangling Space and Time. *BioScience*, *68*(11), 873–884. https://doi.org/10.1093/biosci/biy096

Wang, L., Kerr, L. A., Record, N. R., Bridger, E., Tupper, B., Mills, K. E., Armstrong, E. M., & Pershing, A. J. (2018). Modeling marine pelagic fish species spatiotemporal distributions utilizing

a maximum entropy approach. Fisheries Oceanography, 27(6), 571–586. https://doi.org/10.1111/fog.12279

Zhu, J., Jin, Y., Zhu, W., & Lee, D. (2024). High spatiotemporal-resolution mapping for a seasonal erosion flooding inundation using time-series Landsat and MODIS images. *Scientific Reports*, *14*(1), 4203. https://doi.org/10.1038/s41598-024-53552-9